

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
14 April 2005 (14.04.2005)

PCT

(10) International Publication Number
WO 2005/032327 A2

(51) International Patent Classification⁷: **A61B**

(21) International Application Number:
PCT/NO2004/000298

(22) International Filing Date: 6 October 2004 (06.10.2004)

(25) Filing Language: **Norwegian**

(26) Publication Language: **English**

(30) Priority Data:
2003 4465 6 October 2003 (06.10.2003) NO

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

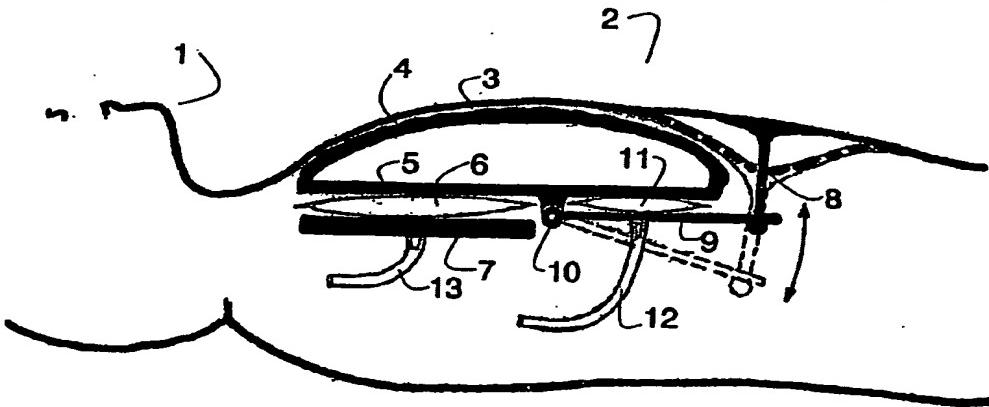
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,

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(54) Title: MEDICAL PATIENT SIMULATOR



(57) Abstract: Medical patient simulator comprising a torso (2) that contains an artificial lung (6), a chest skin (3) and means (8, 9) for pulling the chest skin (3) downward in an area corresponding with an area where such retractions occur on a human being. The simulator also provides for changes in the compliance of the lung (6). The lung (6) is situated between two plates (5, 7), the spacing of which can be adjusted. The torso (2) has one actuator (23, 24) on each side of the back to simulate muscular activity. It includes a system for control of pneumatic functions by measuring a representative pressure for each actuator and stopping the filling when a pre-set pressure is reached. It also includes a head with one or more air cushions in a fontanelle area on the head, which may be filled with air to simulate an increased pressure in the brain.

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